World Dryer NOVA

World Dryer NOVA Hand Dryer Instruction Manual

Model: NOVA | Voltage: 110-240V | Material: Aluminum | Color: White

1. Introduction

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your World Dryer NOVA Hand Dryer. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these guidelines will ensure optimal performance and longevity of your hand dryer.



Figure 1: The World Dryer NOVA Hand Dryer, showcasing its white aluminum casing and air outlet.

2. Safety Information

Please observe the following safety precautions to prevent injury and damage to the product:

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Disconnect power at the circuit breaker before installation or servicing.
- **Grounding:** Ensure the unit is properly grounded to prevent electrical shock.
- **Water Exposure:** Do not install the hand dryer where it may be directly exposed to water spray or submersion.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block air intake or outlet vents.
- **Children:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. Package Contents

Verify that all items are present in the package:

- NOVA Hand Dryer Unit
- Mounting Hardware (screws, anchors)
- Instruction Manual (this document)

4. Setup and Installation

Professional installation by a qualified electrician is strongly recommended.

1. **Choose Location:** Select a suitable wall location, ensuring sufficient space for hand drying and compliance with accessibility standards. Avoid areas directly above sinks or where water might splash onto the unit.
2. **Prepare Wiring:** Ensure the electrical supply is turned off at the circuit breaker. Run appropriate electrical wiring (110-240V AC, 50/60Hz) to the chosen installation point.
3. **Mounting Template:** Use the provided mounting template (if included, or measure carefully) to mark drilling points on the wall.
4. **Drill Holes:** Drill holes at the marked points and insert wall anchors if necessary.
5. **Secure Back Plate:** Attach the hand dryer's back plate securely to the wall using the provided mounting screws.
6. **Electrical Connection:** Connect the electrical wires to the terminal block inside the hand dryer unit. Ensure correct polarity (Live, Neutral, Ground) as indicated on the unit.
7. **Attach Cover:** Carefully place the hand dryer cover onto the back plate and secure it with the retaining screws.
8. **Test Unit:** Restore power at the circuit breaker and test the hand dryer for proper operation.

5. Operating Instructions

The World Dryer NOVA Hand Dryer is designed for automatic, touch-free operation.

1. **Activate:** Place your hands beneath the air outlet. The sensor will detect your hands and automatically activate the airflow.
2. **Dry Hands:** Rub your hands together under the warm air stream until dry.
3. **Deactivate:** Remove your hands from the sensor's range. The hand dryer will automatically shut off after a few seconds.

6. Maintenance

Regular maintenance ensures optimal performance and hygiene.

- **Cleaning Exterior:** Clean the exterior casing regularly with a soft, damp cloth and mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive pads. Ensure power is disconnected before cleaning.
- **Air Intake Grille:** Periodically inspect and clean the air intake grille to remove any dust or lint buildup. A soft brush or vacuum cleaner can be used. Blocked grilles can reduce efficiency.
- **Internal Cleaning:** For internal cleaning or servicing, contact a qualified technician.

7. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Hand dryer does not activate.	No power supply; Sensor obstructed or faulty; Unit overheated.	Check circuit breaker; Clean sensor window; Allow unit to cool down.
Airflow is weak or inconsistent.	Blocked air intake/outlet; Motor issue.	Clean air intake grille; Contact qualified technician for motor inspection.
Unit runs continuously.	Sensor obstructed or faulty.	Clean sensor window; Ensure no reflective surfaces are too close; Contact technician if issue persists.
Unusual noise during operation.	Loose components; Motor bearing wear.	Ensure unit is securely mounted; Contact qualified technician for inspection.

If troubleshooting steps do not resolve the issue, please contact World Dryer customer support or a qualified service technician.

8. Technical Specifications

- **Brand:** World Dryer
- **Model:** NOVA
- **Voltage:** 110-240V AC
- **Frequency:** 50/60Hz
- **Material:** Aluminum Casing
- **Color:** White
- **Mounting:** Surface-mounted
- **Activation:** Automatic Infrared Sensor
- **ASIN:** B07Q5K86MV
- **Manufacturer:** WORLD DRYER CORPORATION

9. Warranty and Customer Support

World Dryer products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official World Dryer website.

For technical assistance, parts, or service inquiries, please contact World Dryer customer support:

- **Website:** www.worlddryer.com (Please note: This is a placeholder URL, refer to actual product documentation for correct contact information.)
- **Phone:** Refer to the World Dryer website or product packaging for current contact numbers.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question